

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

RAFAEL HERRMANN ET AL.

CASE NO: BB1102 US DIV

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

APPLICATION NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

PARENT APPLICATION NO.: 09/857401

PARENT APPLICATION FILED: JUNE 1, 2001

FOR: SCORPION TOXINS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

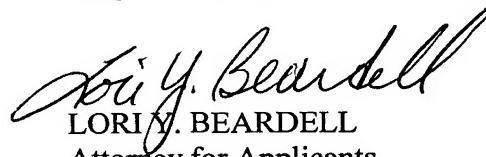
Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicant bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO-1449 and PTO-892 from the parent application. Copies of the references can be found in the parent case 09/857,401 and are not enclosed.

Benefit of the earlier filing date of U.S. Patent Application No. 09/857,401, filed June 1, 2001 is claimed under 35 USC 120 for the above-referenced application.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,


LORI V. BEARDELL

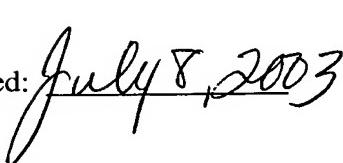
Attorney for Applicants

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Dated: July 8, 2003



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PTO/SB/08B(08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

| | |
|------------------------|------------------------|
| Application Number | 09/857,401 |
| Filing Date | June 1, 2001 |
| First Named Inventor | Rafael Herrmann et al. |
| Group Art Unit | Unknown |
| Examiner Name | Unknown |
| Attorney Docket Number | BB1102 US PCT |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|--|-----------------------|---|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| | | D. L. MARSHALL ET AL., Toxicon, vol. 32(11):1433-1443, 1994, Neuromuscular Effects of Some Potassium Channel Blocking Toxins from the Venom of the Scorpion Leirus Quinquestriatus Hebreus | |
| | | J. M. SABATIER ET AL., Int. J. Peptide Protein Res., vol. 43:486-495, 1994, Leiurotoxin I, a scorpion toxin specific for Ca2+-activated K+ channels | |
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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| | | | | Application Number | 09857,401 |
| | | | | Filing Date | June 1, 2001 |
| | | | | First Named Inventor | Rafael Herrmann et al. |
| | | | | Group Art Unit | Unknown |
| | | | | Examiner Name | Unknown |
| Sheet | 1 | of | 1 | Attorney Docket Number | BB1102 US PCT |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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| Examiner Signature | | Date Considered | |
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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|-----------------------------------|----------------------------------|---|
| Notice of References Cited | Application/Control No. | Applicant(s)/Patent Under Reexamination |
| | 09/857,401 | HERMAN ET AL. |
| | Examiner Gabriele E. BUGAISKY | Art Unit 1653 |

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|------|----------------|
| | A | US- | | | |
| | B | US- | | | |
| | C | US- | | | |
| | D | US- | | | |
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| | F | US- | | | |
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| | J | US- | | | |
| | K | US- | | | |
| | L | US- | | | |
| | M | US- | | | |

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| * | N | WO 95/03065 A1 | 02-1995 | WO | Garcia et al | ----- |
| * | O | EP 0374753 A2 | 12-1989 | EP | Zlotkin et al. | ----- |
| * | P | WO 94/28114 A1 | 12-1994 | WO | Webb et al. | ----- |
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NON-PATENT DOCUMENTS

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|---|---|--|
| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
| * | U | Garcia et al. Purification and characterization of three inhibitors of voltage-dependent K+ channels from <i>Leiurus quinquestriatus</i> var. <i>hebraeus</i> venom. 1994. Biochemistry 33: 6834-6839. |
| * | V | Marshall et al. Neuromuscular effects of some potassium channel blocking toxins from the venom of <i>Leiurus quinquestriatus hebraeus</i> . 1994. Toxicin 32(11): 1433-1434 |
| | W | Norton et al. The cystine knot structure of ion channel toxins and related Polypeptides. 11/ 1998. Toxicon 36 (11):1573-1583 |
| | X | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.